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Guard et al.

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(54) **INTEGRATED TOUCH SCREEN**

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See application file for complete search history.

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(57)

ABSTRACT

In one embodiment, an apparatus includes a display stack for a touch-sensitive screen. The display stack comprises a plurality of layers in which a top layer comprises a substantially transparent cover layer. The display stack is configured to display a color image. The apparatus also includes a touch sensor provided within the display stack. The touch sensor comprises a plurality of first conductive electrodes contacting a layer of a subset of the plurality of layers of the display stack. The subset of the plurality of layers is below the substantially transparent cover layer. The touch sensor also includes a plurality of second conductive electrodes contacting a layer of the subset of the plurality of layers.

12 Claims, 3 Drawing Sheets

